

Title (en)  
THERMOPLASTIC POLYCARBONATE COMPOSITIONS

Title (de)  
THERMOPLASTISCHE POLYCARBONATZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS THERMOPLASTIQUES DE POLYCARBONATE

Publication  
**EP 2115064 A2 20091111 (EN)**

Application  
**EP 07875149 A 20070511**

Priority  
• US 2007068740 W 20070511  
• US 42735606 A 20060629

Abstract (en)  
[origin: US2008004373A1] A thermoplastic composition comprising from 30 to 89.5 wt. % of an aromatic polycarbonate, from 0.5 to 20 wt. % of an impact modifier, from 0 to 25 wt. % of an aromatic vinyl copolymer, from 6 to 35 wt. % of a mineral filler, and from 4 to 20 wt. % of a titanium dioxide, wherein the titanium dioxide is coated with silicone or siloxane, based on the total weight of the composition, has been found to exhibit improved mechanical properties and other characteristics and less degradation than filled thermoplastic compositions without the particular coated titanium dioxide. The composition optionally comprises an acid or acid salt. An article may be formed by molding, extruding, shaping or forming such a composition to form the article.

IPC 8 full level  
**C08K 9/06** (2006.01)

CPC (source: EP KR US)  
**C08K 3/22** (2013.01 - KR); **C08K 9/04** (2013.01 - KR); **C08K 9/06** (2013.01 - EP US); **C08L 25/04** (2013.01 - KR); **C08L 69/00** (2013.01 - KR)

Citation (search report)  
See references of WO 2009099402A2

Citation (third parties)  
Third party :  
• EP 1452564 A1 20040901 - TEIJIN CHEMICALS LTD [JP]  
• JP H02283760 A 19901121 - TEIJIN CHEMICALS LTD

Cited by  
US11623987B2; EP3607005B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**US 42735606 A 20060629**; CN 200780032544 A 20070511; EP 07875149 A 20070511; KR 20097001774 A 20070511; KR 20147014393 A 20070511; KR 20147035840 A 20070511; TW 96121486 A 20070614; US 2007068740 W 20070511